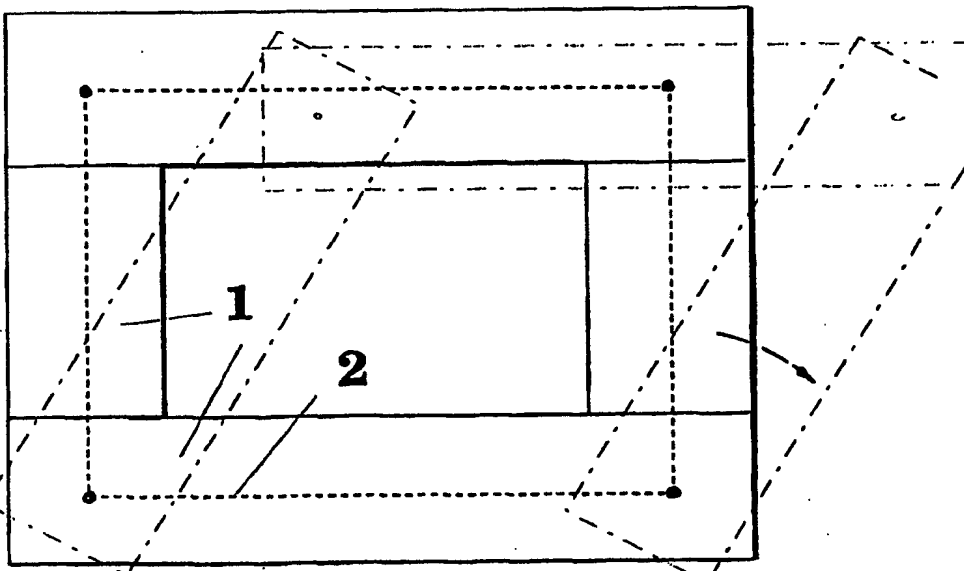


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<b>(51) International Patent Classification 6 :</b> <b>C10L 11/06</b>	<b>A1</b>	<b>(11) International Publication Number:</b> <b>WO 96/39475</b> <b>(43) International Publication Date:</b> 12 December 1996 (12.12.96)
<b>(21) International Application Number:</b> PCT/FI96/00284 <b>(22) International Filing Date:</b> 23 May 1996 (23.05.96) <b>(30) Priority Data:</b> U950291 5 June 1995 (05.06.95) FI <b>(71) Applicants (for all designated States except US):</b> OY EKO-MARKKINOINTI LTD. [FI/FI]; P.O. Box 31, FIN-90461 Oulunsalo (FI). HUOLLOX-TUOTTEET OY [FI/FI]; Jousitie 1, FIN-84100 Ylivieska (FI). <b>(72) Inventor; and</b> <b>(75) Inventor/Applicant (for US only):</b> NIEMIKORPI, Markku [FI/FI]; Vesalantie 10, FIN-84100 Ylivieska (FI). <b>(74) Agent:</b> BERGGREN OY AB; P.O. Box 16, FIN-00101 Helsinki (FI).		<b>(81) Designated States:</b> AL (Utility model), AM (Utility model), AT (Utility model), AU, AZ, BB, BG (Utility model), BR (Utility model), BY, CA, CH, CN (Utility model), CZ (Utility model), DE (Utility model), DK (Utility model), EE (Utility model), ES (Utility model), FI (Utility model), GB, GE (Utility model), HU (Utility model), IS, JP (Utility model), KE (Utility model), KG (Utility model), KP, KR (Utility model), KZ (Utility model), LK, LR, LS (Utility model), LT, LU, LV, MD (Utility model), MG, MK, MN, MW, MX (Utility model), NO, NZ, PL (Utility model), PT (Utility model), RO, RU (Utility model), SD, SE, SG, SI, SK (Utility model), TJ (Utility model), TM, TR, TT, UA (Utility model), UG, US, UZ (Utility model), VN (Utility model), ARIPO patent (KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).  <b>Published</b> <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments. In English translation (filed in Finnish).</i>
<b>(54) Title:</b> CAMP FIRE FRAME <div data-bbox="365 1249 1323 1816"></div> <b>(57) Abstract</b> <p>This invention relates to a camp fire frame consisting of wooden strips (1) piled up on top of each other. The wooden strips (1) form for instance a square, rectangular or similar frame, in which the strip ends are tied up for instance with a paper string (2) such that the frame may be folded up as a transport kit or opened up as a frame for use.</p>		

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## Camp fire frame

This invention relates to a camp fire frame consisting of wooden strips piled up on top of each other.

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"Instant camp fires" are built up of wooden strips and branches, and require in addition a solid grate or any other supporting frame for the kettle or frying pan. The object of the invention is to provide a camp fire frame of a new type, which is easy to transport and open up for use, acting simultaneously as a burning fire and a  
10 portable frame. The camp fire frame in accordance with the invention is characterised in that the wooden strips make up a square, rectangular or other similar frame, where the ends of the wooden strips have been tied up for instance with a paper string such that the frame can be folded up into a kit for transport and opened up as a frame for use.

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The invention will be described below by means of an example and with reference to the accompanying drawing, in which  
figure 1 is a lateral view of the camp fire frame and  
figure 2 is a top view of the camp fire frame.

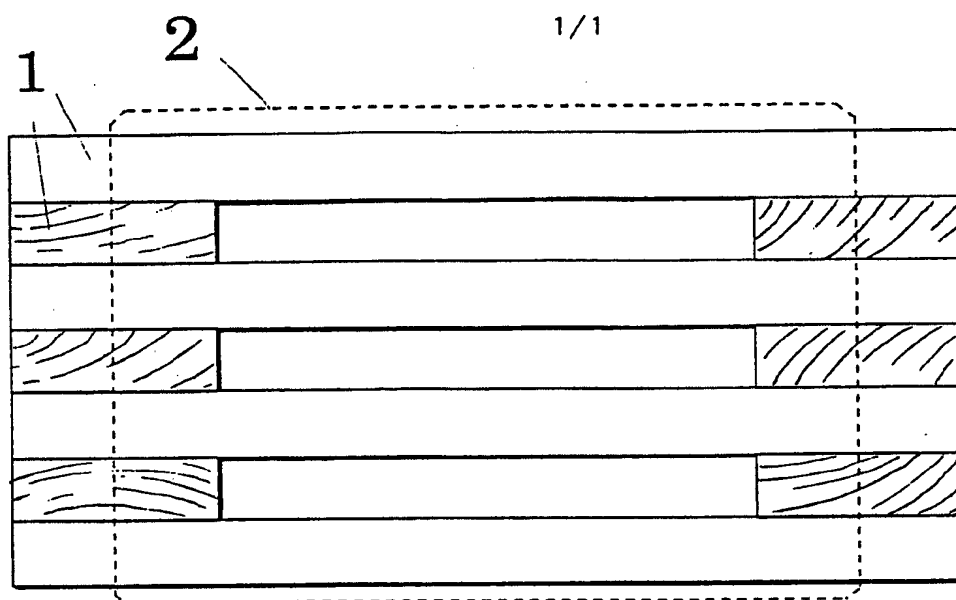
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The rectangular wooden strips 1 represent hard and dry wooden strips piled up to form a square, as illustrated by the figures. A required number of additional layers are piled up depending on the burning time desired for the "instant camp fire". The square pile is tied up with paper string 2 at the strip ends. The prototype comprises a  
25 parquet lath having a length of about 15 cm and a width of about 2 cm. The folded-up square can thus even be carried in your inside breast pocket. The purpose of the invention is to enable a small camp fire to be transported in a small space for instance on a hike. The small camp fire burns for about 20 minutes, so that you can make coffee or fry sausages on it. The camp fire of the invention is packed in a  
30 paper bag which serves as an igniter. It takes about one minute to light the fire. The camp fire in accordance with the invention is intended to avoid carrying logs on a short hike or at a summer cottage, for instance. The camp fire is well suited for being sold at service stations and similar. The material must be hard, e.g. parquet material, in order to burn with adequate efficiency. The dimensions of the lath may  
35 be varied depending on the purpose of use. A hard parquet lath or any other hardwood lath burns efficiently despite its small size. Thus the small size does not involve any problem in terms of the invention. The camp fire in accordance with the invention has been confirmed to work in practical experiments. The invention does

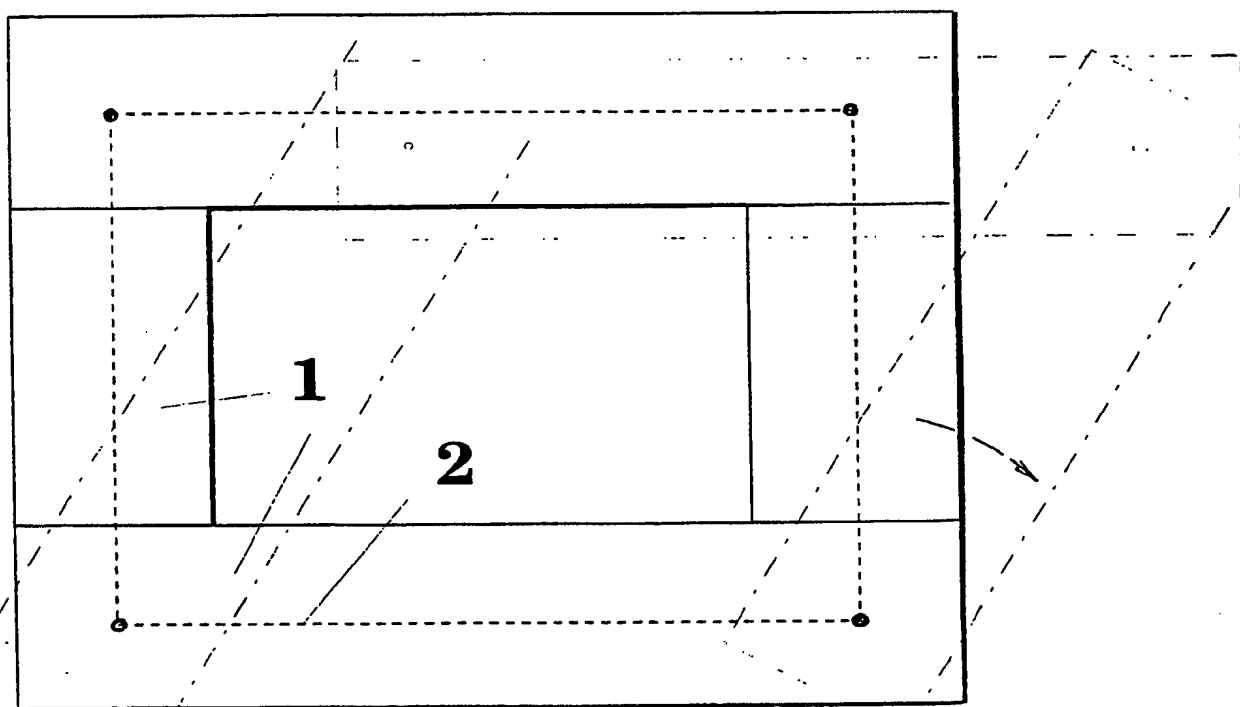
not aim to replace a big camp fire, but provides a small camp fire which can be burnt in any situation. Moreover, the camp fire in accordance with the invention leaves nothing but ashes behind in nature.

Claim

- A camp fire frame consisting of wooden strips (1) piled up on top of each other, characterised in that the wooden strips (1) form for instance a square, rectangular or similar frame, in which the strip ends are tied up for instance with a paper string
- 5 (2) such that the frame may be folded up as a transport kit or opened up as a frame for use.



**Fig.1**



**Fig.2**

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# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/FI 96/00284

## A. CLASSIFICATION OF SUBJECT MATTER

**IPC6: C10L 11/06**

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

**IPC6: A47J, C10L**

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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**EPODOC**

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5456732 A (ROBERT O. BAXTER), 10 October 1995 (10.10.95), figures 1-11, claims 1-11 --	1
A	US 4116645 A (CHARLES J. DALZELL), 26 Sept 1978 (26.09.78), figures 1-9, claims 1-4 --	1
X	FR 2602210 A1 (LACHANELLE ROGER LOUIS ET AL.), 5 February 1988 (05.02.88), figures 1-6, claims 1-6, abstract -----	1

☐ Further documents are listed in the continuation of Box C.

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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

01/10/96

International application No.

PCT/FI 96/00284

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US-A- 5456732	10/10/95	NONE	
US-A- 4116645	26/09/78	NONE	
FR-A1- 2602210	05/02/88	NONE	